

**GILA RIVER BASIN
DIVERSION FROM GILA RIVER**

09475500 FLORENCE-CASA GRANDE CANAL, NEAR FLORENCE, AZ

LOCATION.--Lat 33°05'15", long 111°17'10", in NE¹/₄NE¹/₄ sec. 14, T.4 S., R.10 E., Pinal County, Hydrologic Unit 15050100, on left bank at China Wash, 2.6 mi downstream from head at Ashurst-Hayden Dam and 7.5 mi northeast of Florence.

PERIOD OF RECORD.--Jan. 1928 to current year (monthly diversions only). Published as a supplement to records for Gila River at Ashurst-Hayden Dam, 1928--80.

GAGE.--Water-stage recorder and Parshall flume. Prior to Jan. 12, 1937, water-stage recorder 900 ft downstream from Ashurst-Hayden Dam.

REMARKS.--Records show monthly diversion from the Gila River at Ashurst-Hayden Dam for irrigation of land under the 100,000 acre San Carlos Project. Diversion records are those at the canal gaging station at the flume 2.6 mi downstream from dam; values are adjusted for sluicing through the dam or from the canal and pumping of water into the canal between the dam and the flume, but are not adjusted for natural losses. Adjusted values show water available at Ashurst-Hayden Dam, except for spill over the dam or water sluiced through the dam during times of flood runoff.

COOPERATION.--Pumping records furnished by Bureau of Indian Affairs.

MONTHLY DIVERSIONS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Month | Discharge, in cubic feet per second | | | Diversions in acre-feet | Water sluiced above flume, in acre-feet |
|-------------|-------------------------------------|---------|------|----------------------------|---|
| | Maximum | Minimum | Mean | | |
| October | 143 | 0 | 82.6 | 336 | 0 |
| November | 0 | 0 | 0 | 0 | 0 |
| December | 173 | 0 | 104 | 267 | 0 |
| CAL YR 2002 | 326 | 0 | 63.5 | 3,165 | 0 |
| January | 96 | 56 | 76.5 | 0 | 0 |
| February | 670 | 68 | 173 | 238 | 0 |
| March | 603 | 251 | 357 | 166 | 0 |
| April | 326 | 109 | 209 | 431 | 0 |
| May | 122 | 16 | 80.7 | 738 | 0 |
| June | 16 | 0 | 1.80 | 105 | 0 |
| July | 387 | 0 | 38.6 | 0 | 65 |
| August | 290 | 0 | 30.7 | 0 | 0 |
| September | 132 | 0 | 5.97 | 0 | 0 |
| WTR YR 2003 | 670 | 0 | 96.5 | 1,701 | 65 |